

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/027894

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60N2/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 42 42 895 C (DAIMLER BENZ AG) 25 November 1993 (1993-11-25) column 1, line 60 - column 4, line 8 -----	1
A	GB 2 372 203 A (AUTOLIV DEV) 21 August 2002 (2002-08-21) page 6, line 20 - page 15, line 19; figures 1-3 -----	1
A	DE 297 00 866 U (BURGER SOEHNE) 20 March 1997 (1997-03-20) cited in the application page 6, line 4 - page 7, line 30; figure 1 ----- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

29 November 2004

Date of mailing of the international search report

22.02.05

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 564 315 A (LEHMANN ULRICH DIPL ING ET AL) 15 October 1996 (1996-10-15) cited in the application column 2, line 37 - column 5, line 20; figures 3-5 -----	1
A	DE 197 35 030 A (KEIPER GMBH & CO) 25 February 1999 (1999-02-25) cited in the application column 2, line 36 - column 5, line 39; figures 1,2 -----	1
A	US 5 596 910 A (BAUER HEINZ ET AL) 28 January 1997 (1997-01-28) cited in the application column 5, line 22 - column 6, line 5; figures 4-6 -----	1
A	DE 43 37 293 C (KEIPER RECARO GMBH CO) 1 December 1994 (1994-12-01) -----	

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-7

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7

Independent claim 1 discloses a locking mechanism with its particular relation of a pin carrier for a plurality of pins and a mounting plate for the pin carrier. Dependent claims 2 - 7 disclose further details of this mechanism.

2. claims: 8-13

Independent claim 8 discloses a seat track assembly with its particular double shearing condition of a plurality of pins within corresponding apertures and locking windows.

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4242895	C	25-11-1993	DE 4242895 C1	25-11-1993
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DE 29700866	U	20-03-1997	DE 29700866 U1	20-03-1997
US 5564315	A	15-10-1996	DE 4400474 C1	09-03-1995
			JP 2680554 B2	19-11-1997
			JP 7205694 A	08-08-1995
DE 19735030	A	25-02-1999	DE 19735030 A1	25-02-1999
			BR 9811934 A	22-08-2000
			DE 59804069 D1	13-06-2002
			WO 9908892 A1	25-02-1999
			EP 1001888 A1	24-05-2000
			JP 2001514989 T	18-09-2001
			US 6308589 B1	30-10-2001
US 5596910	A	28-01-1997	DE 4400232 A1	06-07-1995
			FR 2715355 A1	28-07-1995
DE 4337293	C	01-12-1994	DE 4337293 C1	01-12-1994

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